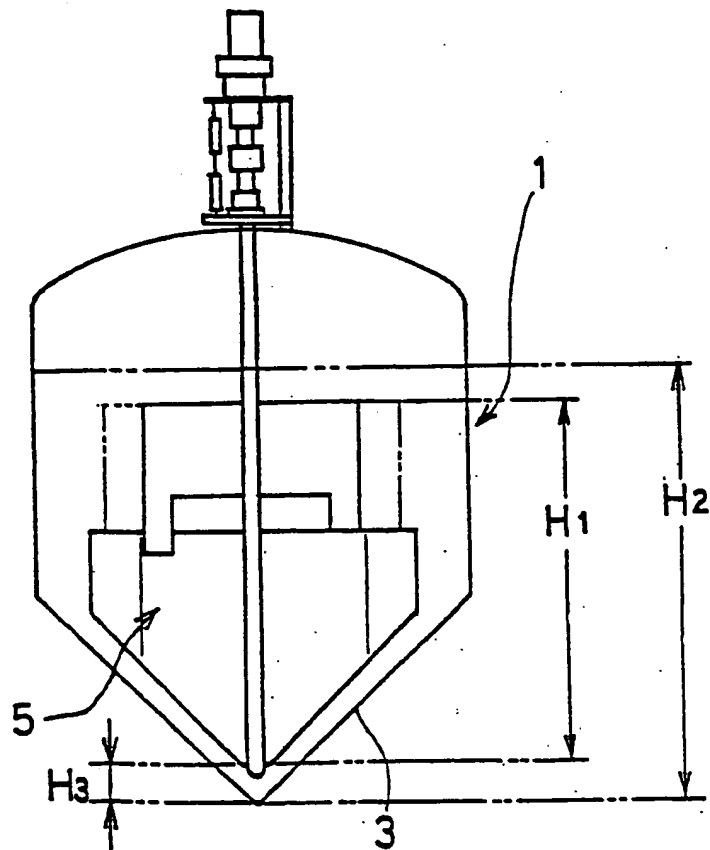
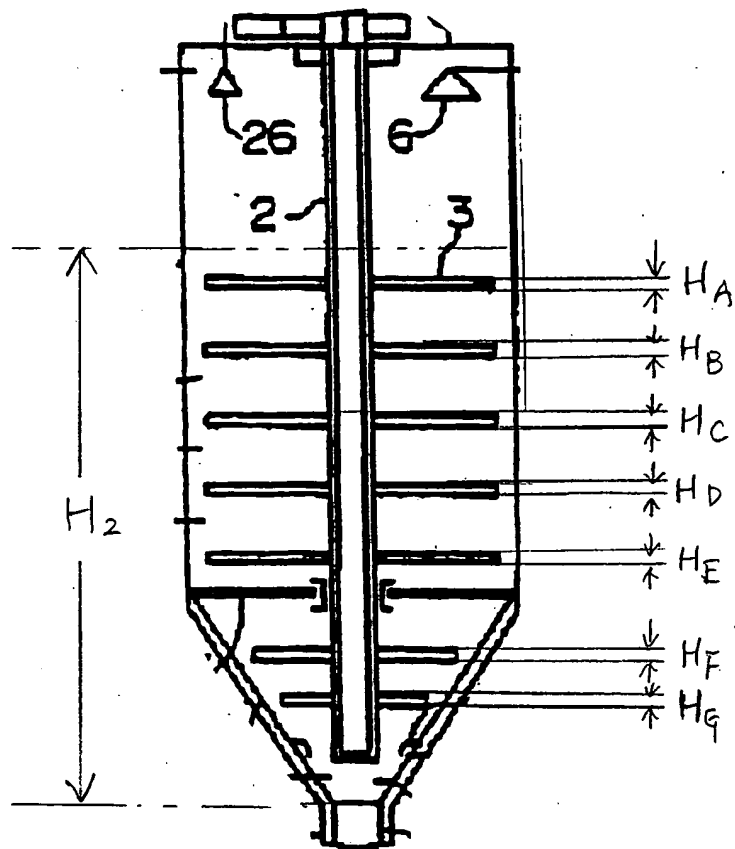


Reference Illustration 1





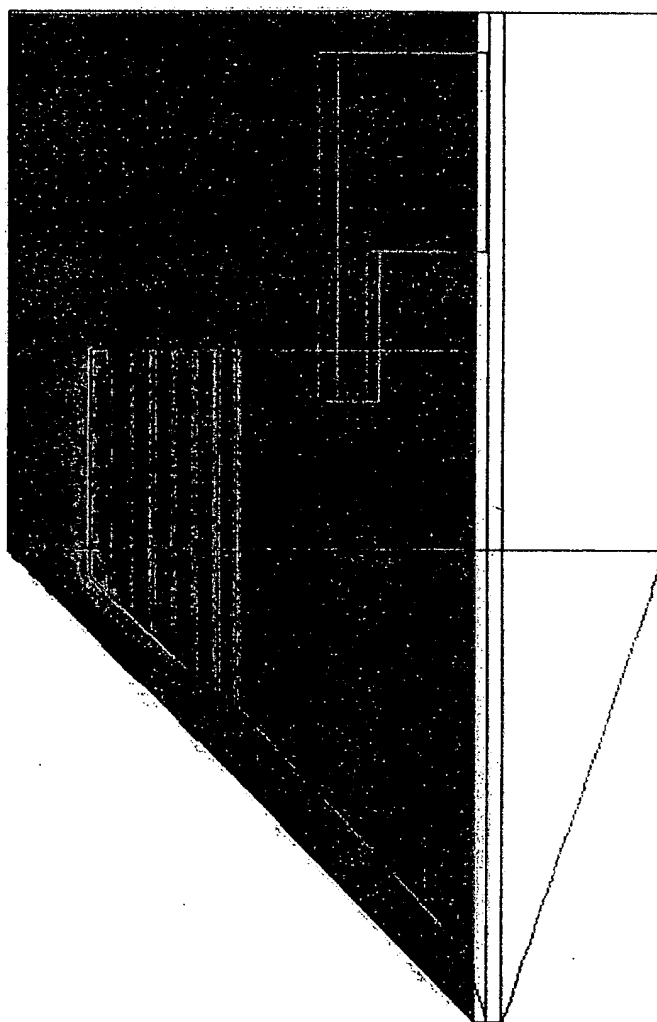
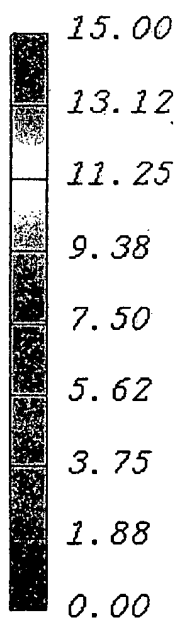
## Reference Illustration 2





References 3-A

SHEAR RATE(1/S)

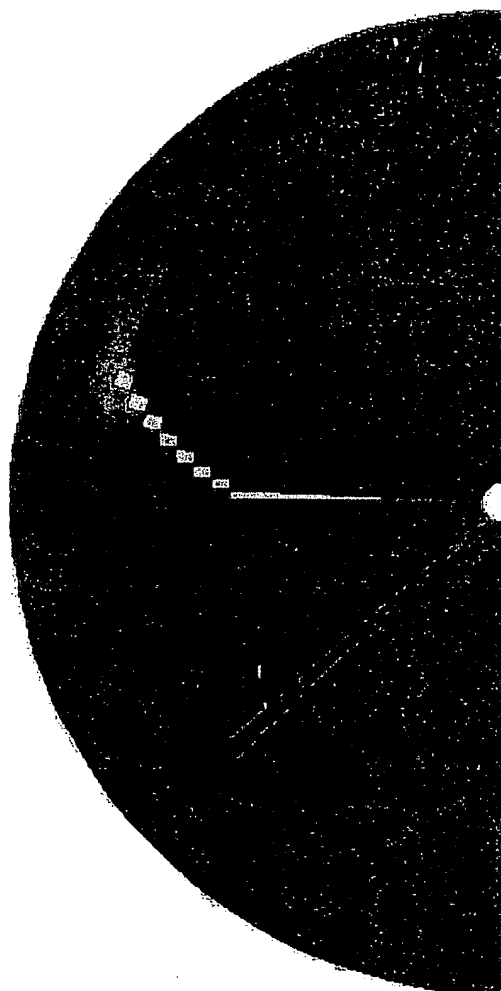
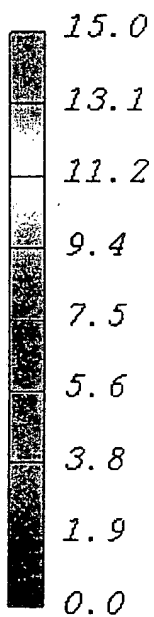


FZ( $d/D=0.83$ ), LOWER-BLADE



# References 3-B

SHEAR RATE (1/S)

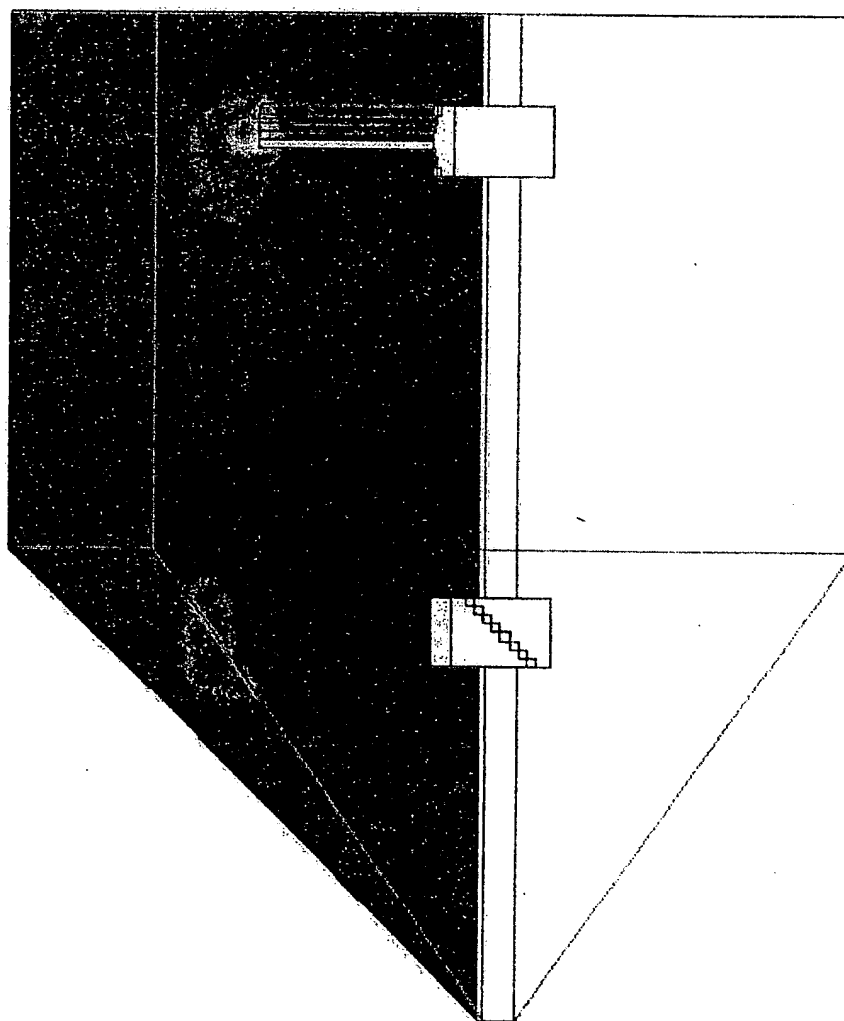
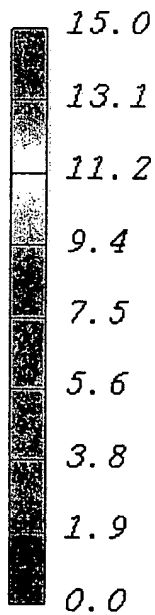


FZ ( $d/D=0.23$ ), LOWER-BLADE



# References 3-C

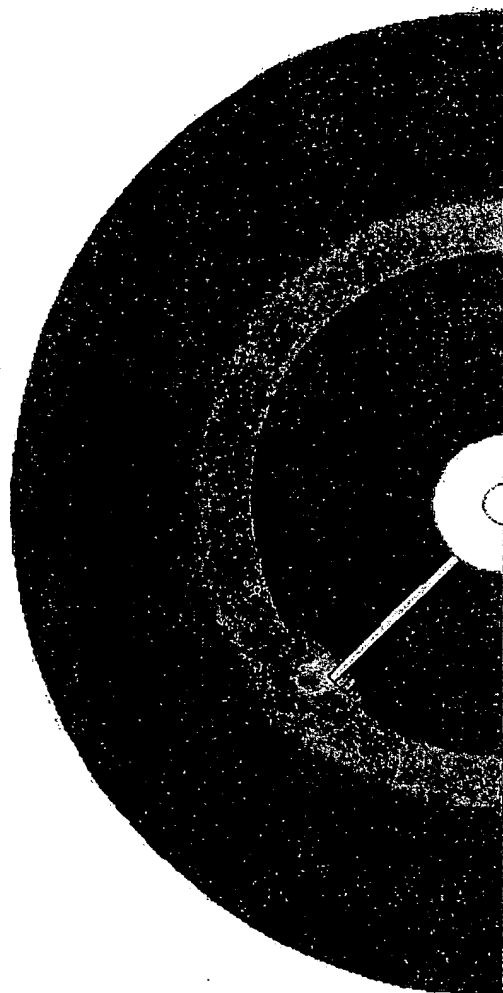
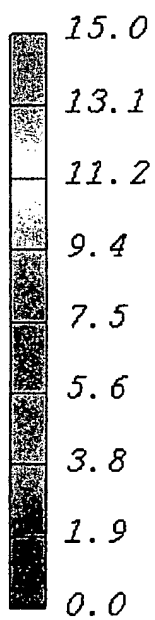
SHEAR RATE(1/S)



PP(d/D=0.5),UPPER-BLADE

References 3-D

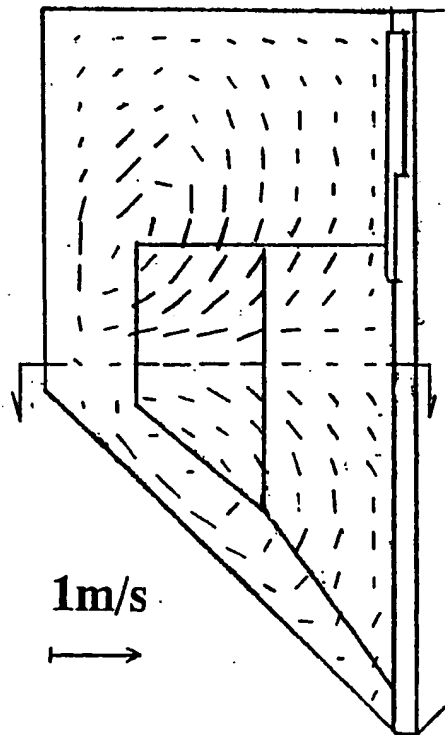
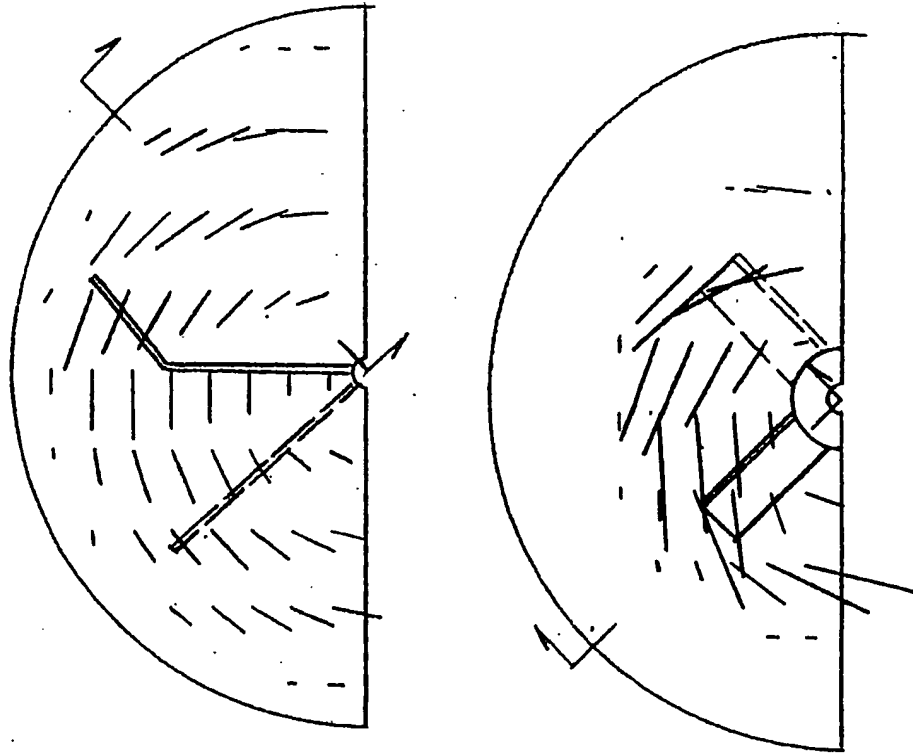
SHEAR RATE(1/S)



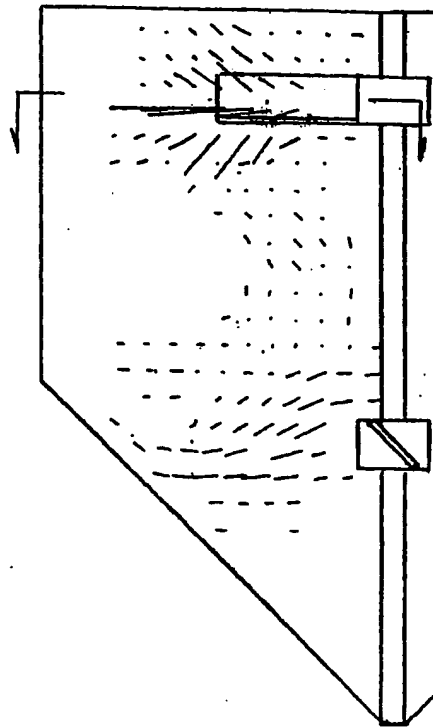
PP(d/D=0.5), UPPER-BLADE



## References 4



*Fullzone. 10 rpm*



*PBT 60 rpm*

**Numerical simulation ~ Flow pattern ~**  
**5 m<sup>3</sup> Yeast tank**